



HUGHES GROUP ARCHITECTS

45640 WILLOW POND PLAZA
STERLING, VIRGINIA 20164
703.437.6600

CIVIL:
ALPHA CORPORATION
21351 Ridgeway Circle, Suite 200
Dulles, Va 20166
(703) 450-0800

STRUCTURAL:
EHLERT-BRYAN
1451 Doleway Madison Blvd, Suite 220
McLean, VA 22101
(703) 827-9552

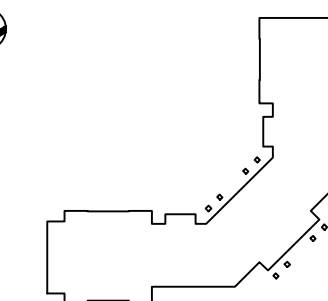
MECHANICAL/ELECTRICAL:
BRINJAC ENGINEERING
4000 Albemarle Street, NW
Washington, DC 20016
(202) 237-2750



PURCELLVILLE FIRE AND RESCUE

500 NORTH MAPLE AVENUE
PURCELLVILLE, VIRGINIA

LEGEND & ABBREVIATIONS



REVISIONS:

ISSUES:
09-26-07 BID SET

STAMP AND SEAL:

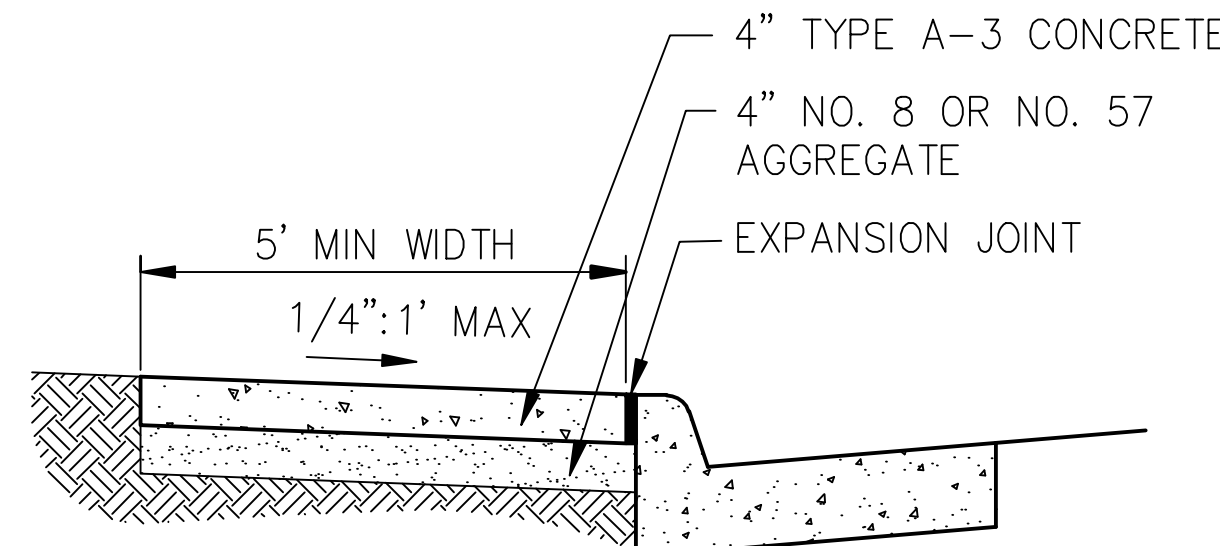
DATE: 09-26-07 SCALE: AS NOTED

PROJECT NO. 0611

SHEET: C-101

STANDARD LEGEND

EXISTING	DESCRIPTION	PROPOSED
	INDEX CONTOUR	
	INTERMEDIATE CONTOUR	
	EDGE OF PAVEMENT	
	CURB AND GUTTER	
	TRANSITION FROM CG-6R TO CG-6	
	PROPOSED HEADER CURB	
	PROPERTY LINE	
	DEPARTING PROPERTY LINE	
	LOT LINE	
	RIGHT-OF-WAY CENTERLINE	
	FLOOD PLAIN	
	CLEARING AND GRADING	
	TREE LINE	
	FLOW LINE OF SWALE	
	STREAM	
	OVERLAND RELIEF PATHWAY	
	FENCE LINE	
	EASEMENT WATER LINE	
	WATER VALVE	
	SANITARY SEWER	
	STORM SEWER	
	CABLE TV	
	ELECTRIC SERVICE	
	TELEPHONE SERVICE	
	GAS LINE	
	SPOT ELEVATION	
	UTILITY POLE	
	SIGN	
	SANITARY SEWER IDENTIFIER	
	STORM DRAIN IDENTIFIER	
	EASEMENT IDENTIFIER	
	WATER METER	
	FIRE HYDRANT	
	PARKING INDICATOR	
	INDICATES THE NUMBER OF TYPICAL PARKING SPACES	
	STREET LIGHT	
	VEHICLES PER DAY (TRAFFIC COUNT)	
	TEST PIT LOCATION RECOMMENDED/REQUIRED	
	CRITICAL SLOPE SLOPES TO BE STABILIZED PURSUANT TO VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK	
	HANDICAP RAMP (CG-12) DENOTES LOCATION OF STD VDOT CG-12 AND/OR JURISDICTIONAL STANDARD RAMP CONSTRUCTION	
	DENOTES CLEAR SIGHT TRIANGLE	
	TREE	
	BENCHMARK	
	ASPHALT TRAIL	
	CONCRETE SIDEWALK	
	END WALLS	
	END SECTIONS	
	STOP SIGN	
	STREET SIGN	
	OVERHEAD ELECTRIC	
	OVERHEAD TELEPHONE	
	HANDICAP PARKING SPACE (VAN)	
	RIP RAP	

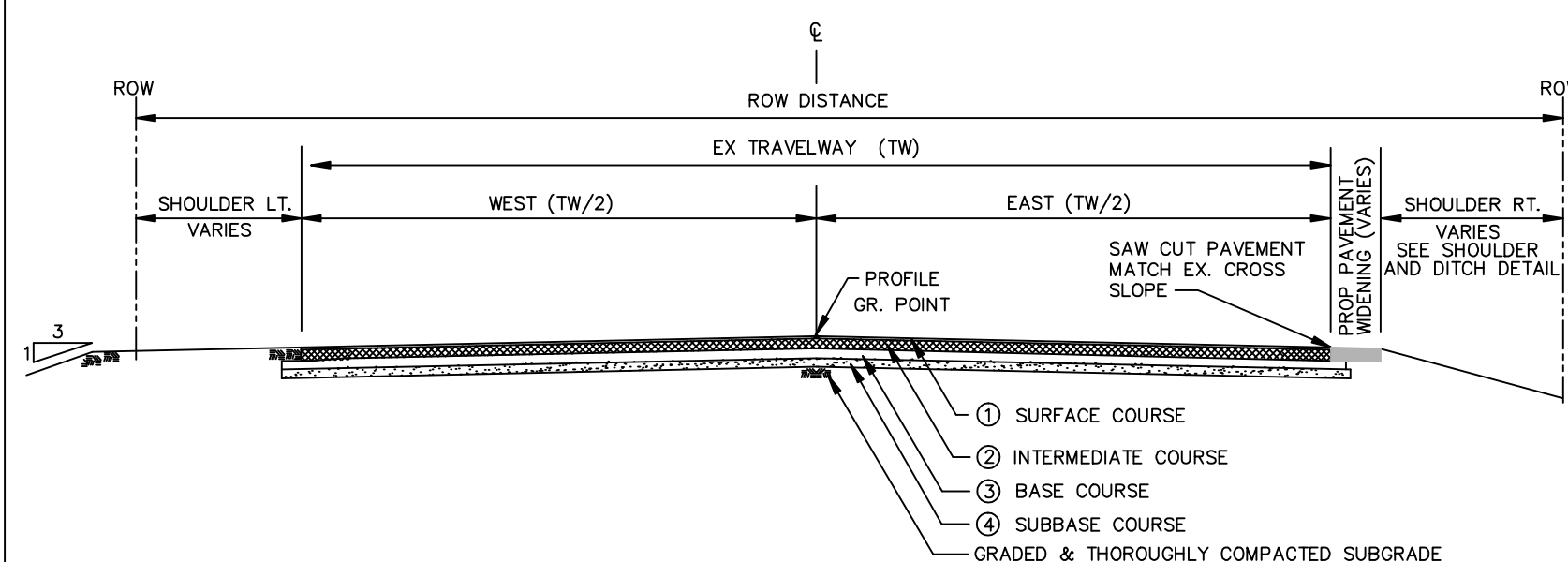


THE SUBGRADE MATERIAL SHALL BE COMPACTED TO A MIN. OF 95% OF THEORETICAL MAXIMUM DENSITY (A.A.S.H.T.O. T-99 METHOD).

ALL SIDEWALKS SHALL BE CONSTRUCTED TO VDOT STANDARDS

ABUTTING CURB/SIDEWALK DETAIL

NOT TO SCALE



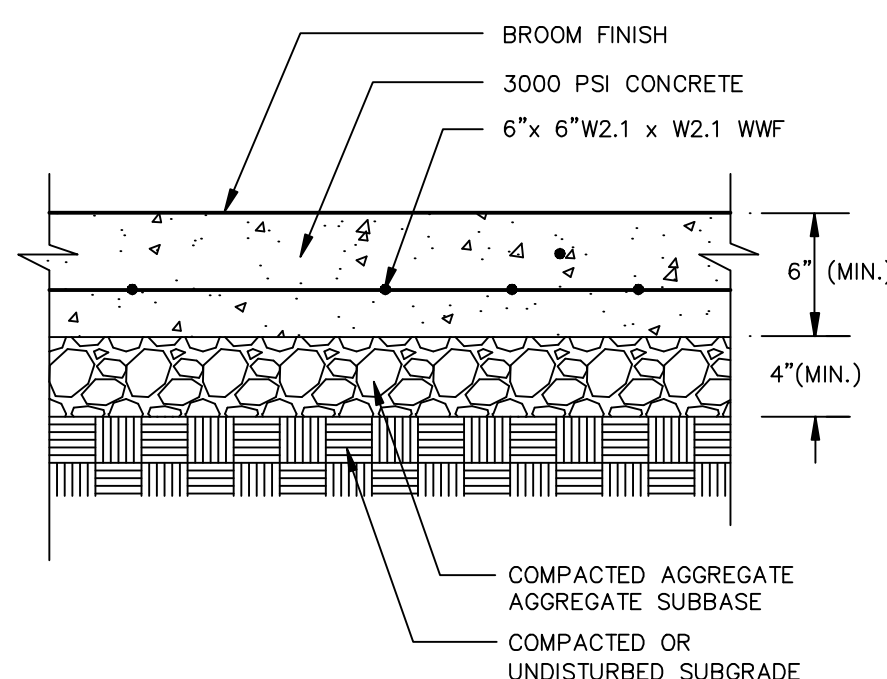
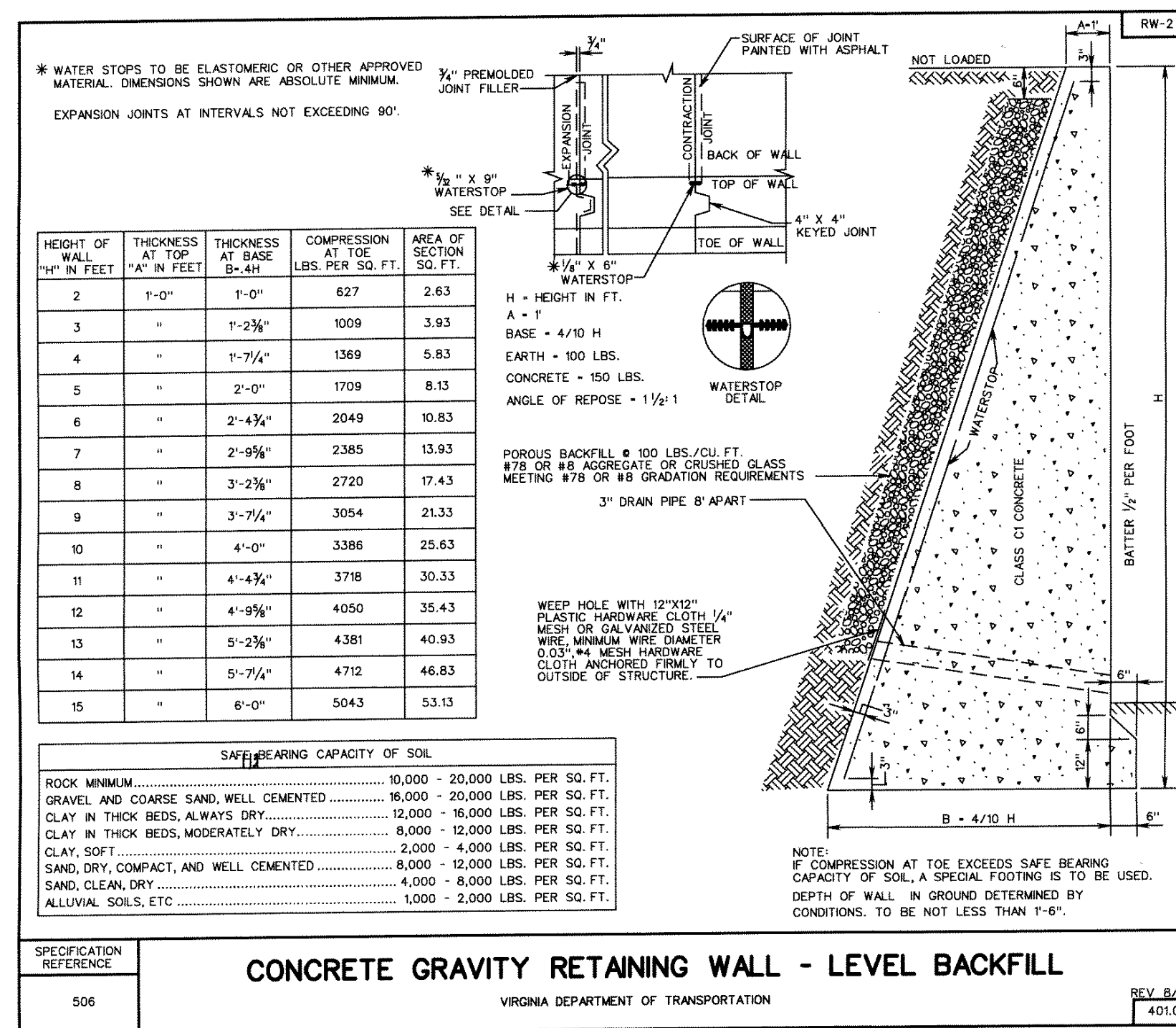
TYPICAL ROAD SECTION

NOT TO SCALE

STREET NAME	CLASSIFICATION/TERRAIN	DESIGN SPEED	ROW	TW	SHLD. (LT.)	SHLD. (RT.)	S.S. (LT.)	S.S. (RT.)
HIRST ROAD	LOCAL ROLLING	45	100'	25'	VARIES	VARIES	VARIES	3:1
MAPLE AVENUE	LOCAL ROLLING	25	50'	25'	VARIES	VARIES	VARIES	3:1

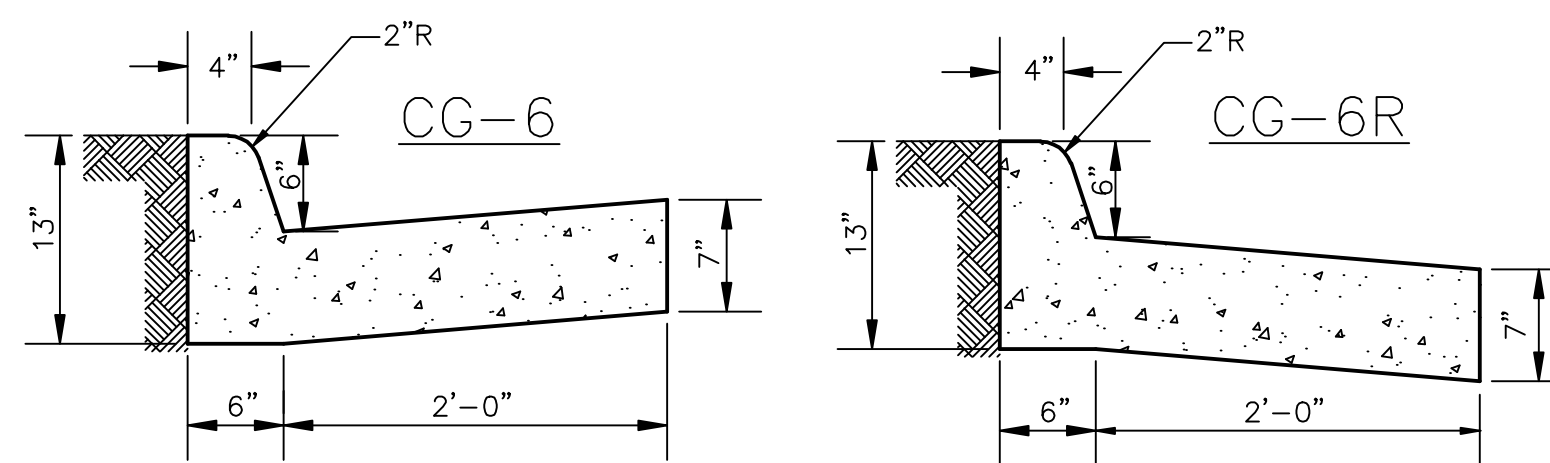
ROADWAY NOTES

- SUBBASE DEPTH IS BASED ON A CBR VALUE OF 6, BASED ON AN ESTIMATE WHICH WILL BE REVISED ONCE THE SOIL TESTS OF SUBGRADE ARE PERFORMED.
- A SMOOTHING GRADE SHALL BE MAINTAINED FROM THE CENTERLINE OF THE EXISTING ROAD TO THE PROPOSED CURB AND GUTTER, TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE ROADWAY.
- STANDARD GUARDRAIL AND HANDRAIL SHALL BE INSTALLED AT THOSE LOCATIONS AS DESIGNATED DURING FINAL FIELD INSPECTIONS BY LOUDOUN COUNTY OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION.
- SHOULDER TO BE WIDENED WHERE GUARD RAIL IS REQUIRED.
- SIDEWALKS SHALL BE CONSTRUCTED ON A 4" THICK LAYER OF NO. 8 OR NO. 57 AGGREGATE.
- ALL DRIVEWAY ENTRANCES SHALL COMPLY WITH VDOT CG-11 ENTRANCE REQUIREMENTS.
- REMOVED ASPHALT AND CONCRETE MATERIALS SHALL BE DISPOSED OF IN AN APPROVED LOCATION.



CONCRETE DUMPSTER PAD & APRON DETAIL

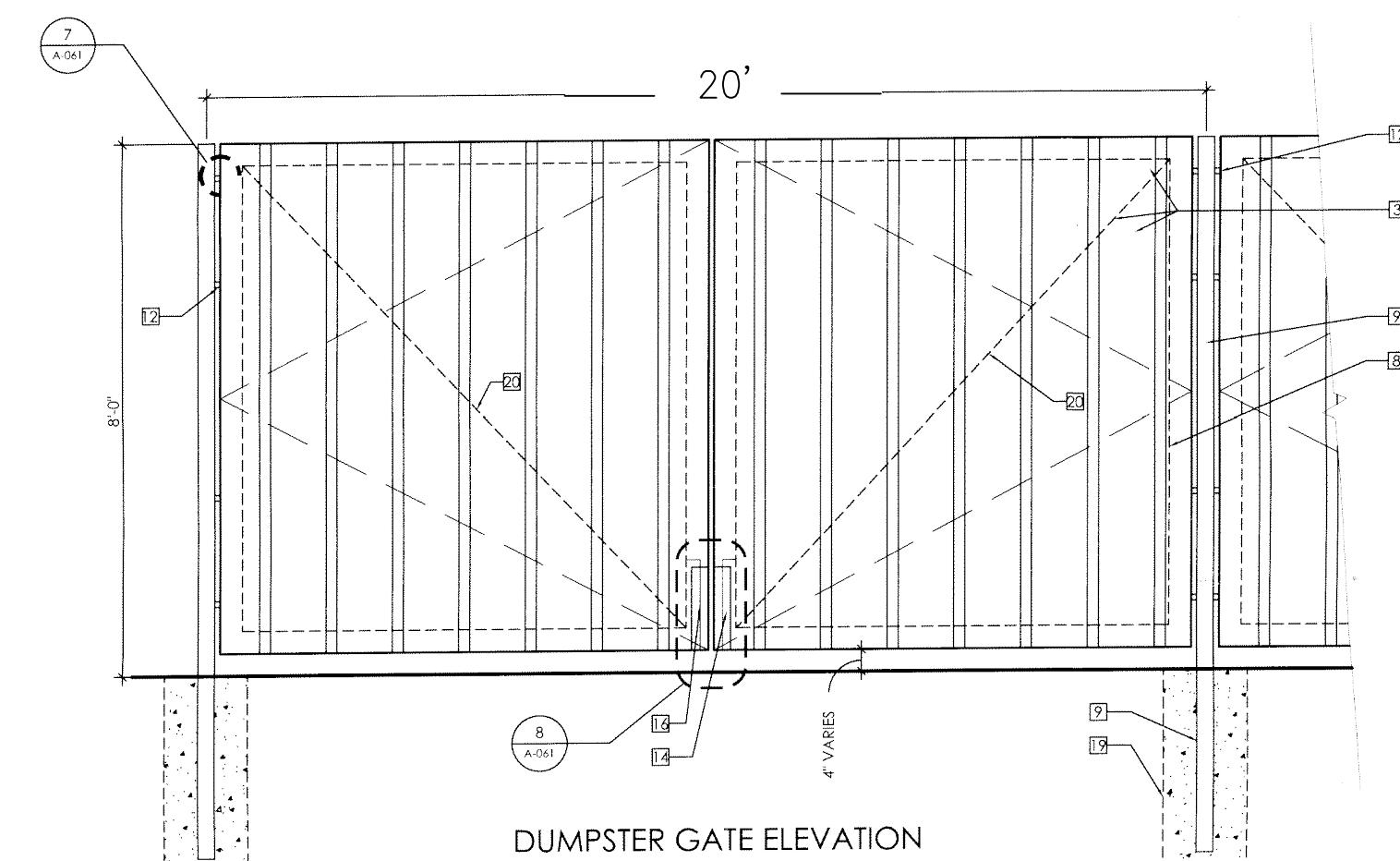
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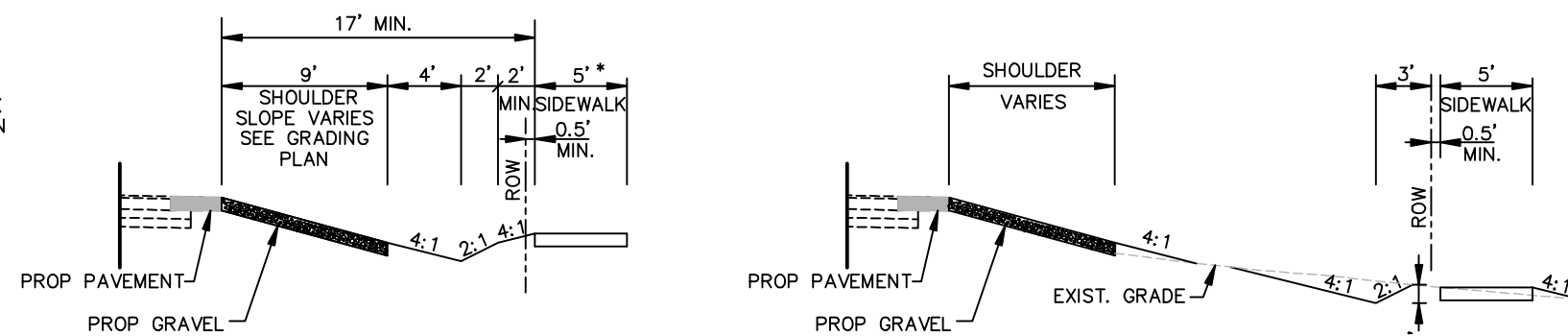
TYPICAL SECTION

COMBINATION CURB & GUTTER

NOT TO SCALE



DUMPSTER GATE ELEVATION



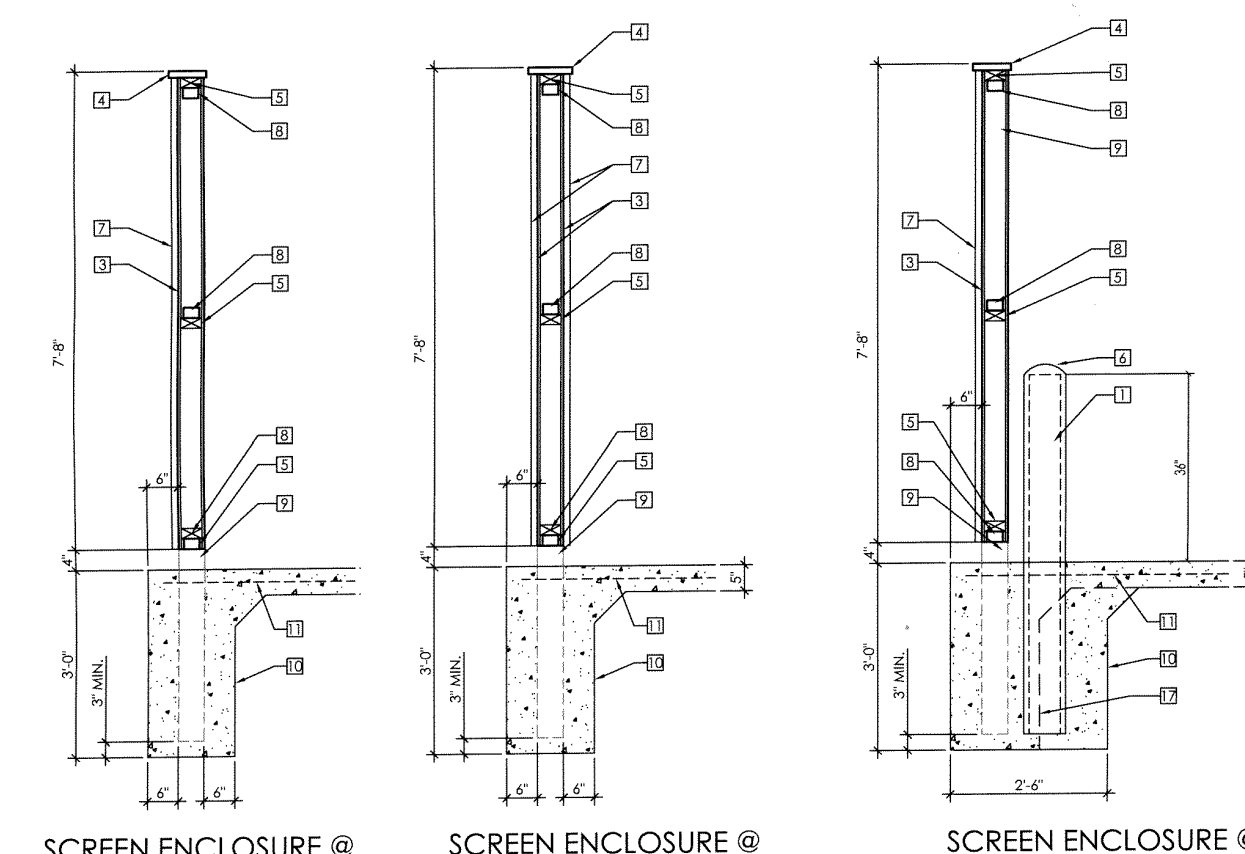
MAPLE AVENUE

HIRST ROAD

* DISTANCE VARIES BETWEEN SIDEWALK AND DITCH SEE GRADING PLAN.

SHOULDER AND DITCH DETAIL

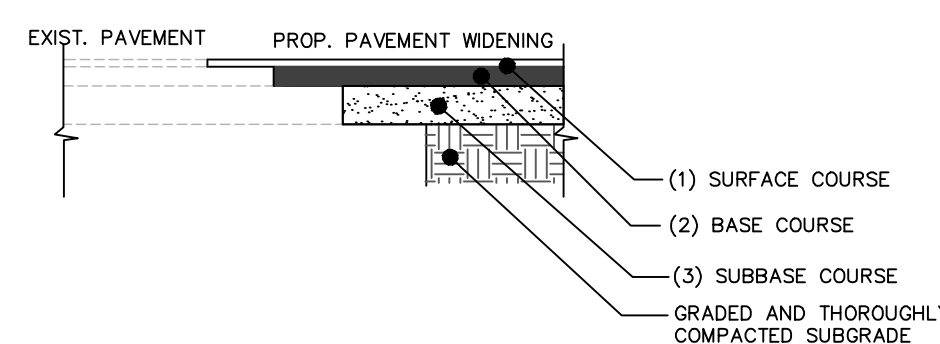
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SCREEN ENCLOSURE @ LP TANKS & GENERATOR

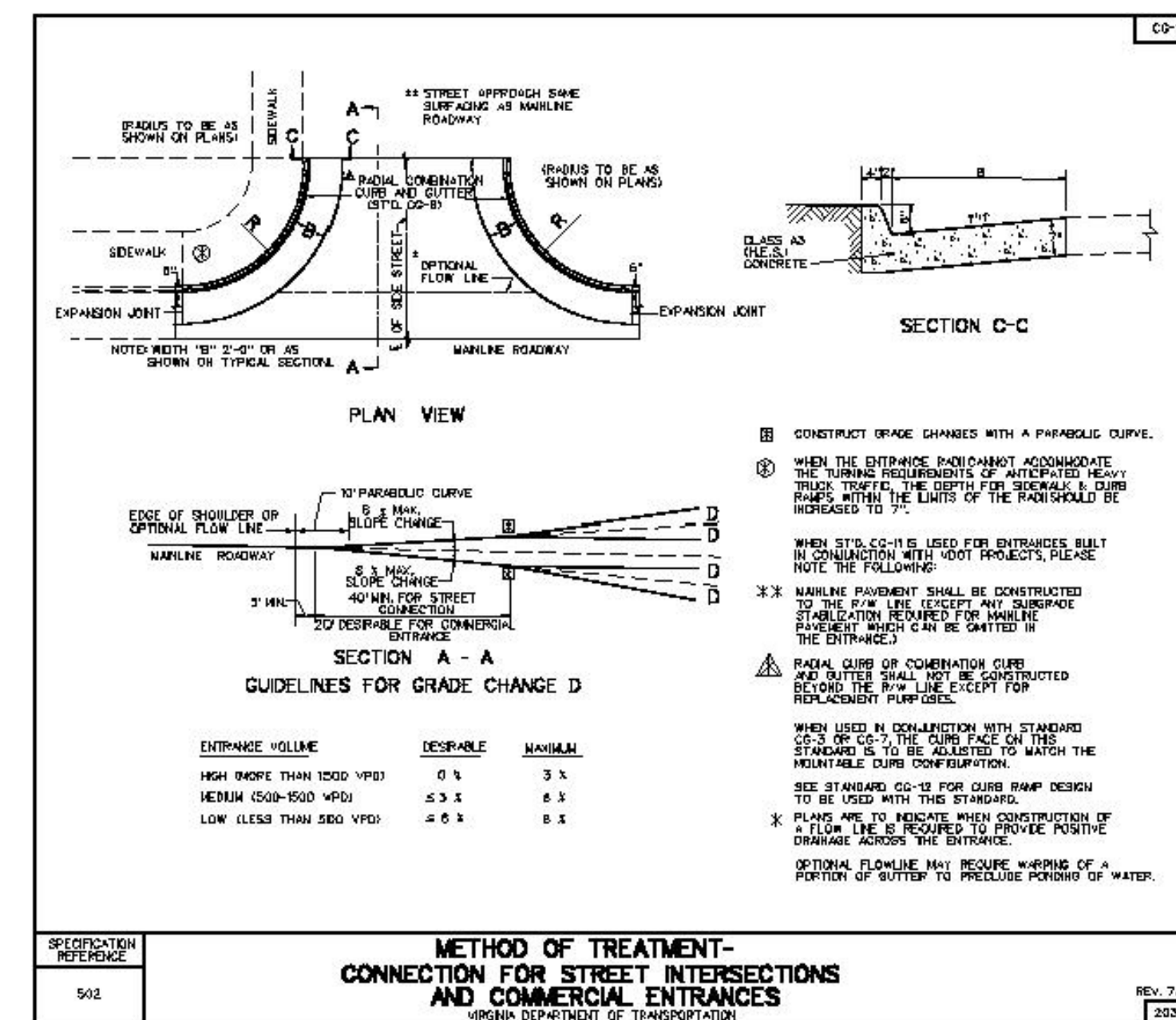
SCREEN ENCLOSURE @ CUT DOWN PAD

SCREEN ENCLOSURE @ DUMPSTER



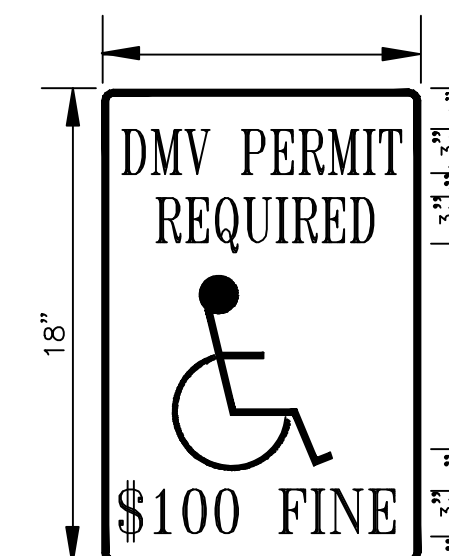
PAVEMENT WEDGING DETAIL

NOT TO SCALE



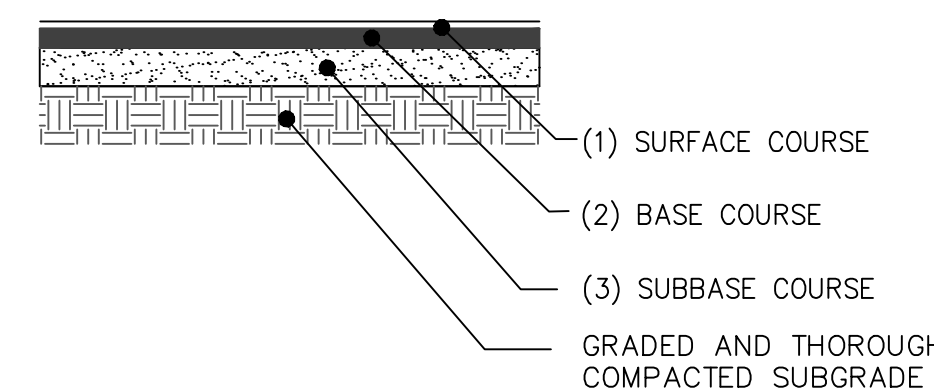
METHOD OF TREATMENT- CONNECTION FOR STREET INTERSECTIONS AND COMMERCIAL ENTRANCES

REV. 7/01



Note: The dollar amount displayed on the sign shall be as specified in Sections 82-5-1(a)(15), 82-5-35 and 82-1-32, of the Code, as amended.

ACCESSIBLE PARKING SIGNS



PAVEMENT LOCATION	(1)	(2)	(3)
TYPICAL	1.5" SM-9.5A	3.0" BM-25.0	6.0" 21-B
HEAVY DUTY	1.5" SM-9.5A	3.0" BM-25.0	8.0" 21-B

SITE PAVEMENT SECTIONS

NOT TO SCALE